HPC-8104

1U Storage Chassis for MicroATX/ATX Serverboard with 4 Hot-swap Drive Bays

CE FCC

Features

- 1U rackmount chassis support ATX/uATX motherboard
- 4-bay hot-swappable 3.5"/2.5" SATA/SAS/SSD drive bays with ultra slim ODD bay
- Anti-vibration FAN design
- Two front USB3.0 ports

Specifications

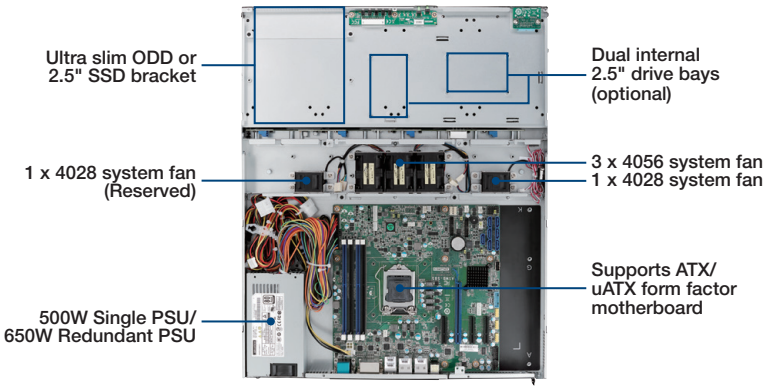
		External	Internal
Drive Bay	Slim Optical Drive	1 (Ultra Slim Type Only)	-
	3.5"/2.5"	4 (Hot Swap) Note1,2	-
	2.5"	-	2 or 3 (optional)
Cooling	Fan	3 (4056/34CFM) + 1 (4028/23CFM) high speed fan	
	Air Filter	-	
Front I/O Interface	USB	2 x USB3.0	
Miscellaneous	LED Indicators	LAN1, LAN2, HDD, Power, and System Information LED	
Environment		Operating	Non-Operating
	Temperature	0 ~ 40 °C (32 ~ 104 °F)	-40 ~ 60 °C (-40 ~ 140 °F)
	Humidity	10 ~ 95% @ 40 °C, non-condensing	10 ~ 95% @ 60 °C, non-condensing
	Vibration (5 ~ 500 Hz)	0.25 Grms	2 G
	Shock	10 G (with 11 ms duration, half sine wave)	
Physical Characteristics	Dimensions (W x H x D)	438 x 43.9 x 530 (17.24" x 1.73" x 20.87")	
	Weight	9 kg (without hard drivers)	

Note1: There is no expander in HDD backplane. Total of 4 SATA/SAS port signals from motherboard or RAID card are necessary to use all 4 hot-swappable drive bays.
Note2: The connector type of the HPC-8104 series backplane is one SFF-8643, please reference the optional accessories for SAS cable purchasing.
Note3: HPC-8104 does not support AIMB series motherboard.

Front View

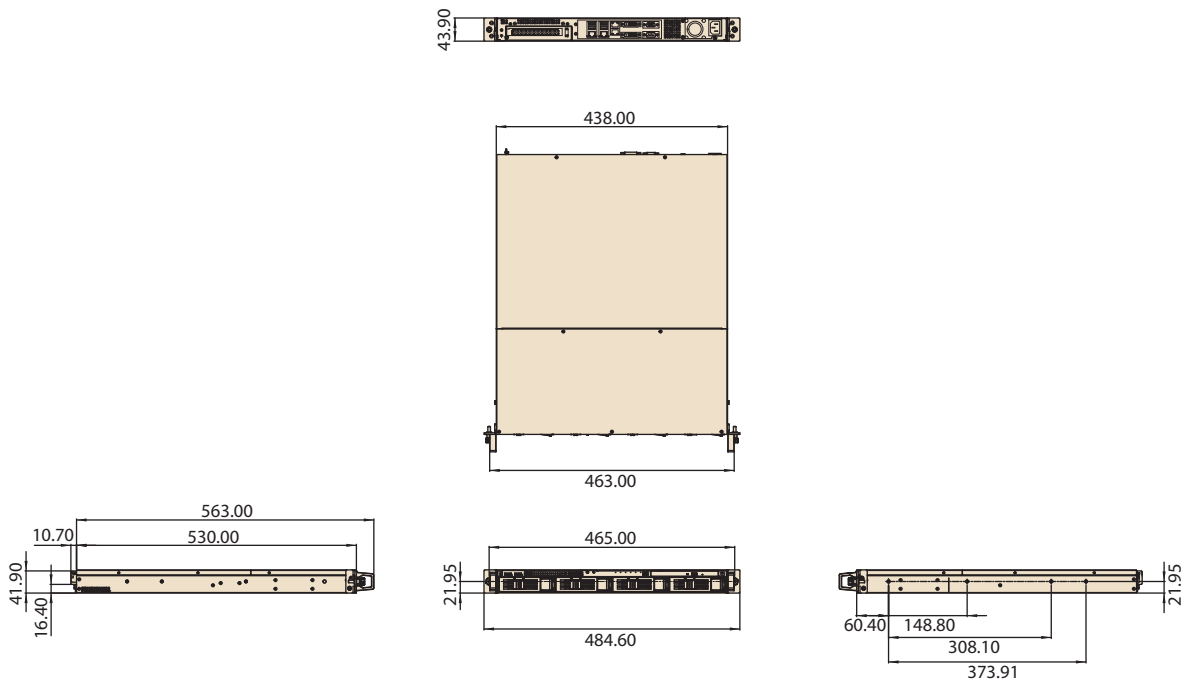
Rear View

Top View



Dimensions

Unit: mm



Ordering Information

Part Number	Built-in PSU	Front HDD Backplane	Expander
HPC-8104SA-65RA1	1+1 650W redundant power supply	SAS 12Gb/s, SATA 6Gb/s	Without Expander
HPC-8104SA-50A1E	Single ATX 500W	SAS 12Gb/s, SATA 6Gb/s	Without Expander

Packing List

Part Number	Description	Quantity
9661831600E	3.5" HDD Trays (Pre-installed)	4
1700028794-01	4Pin extended FAN Cable (Accessory Box)	4
1750007501-01	40 x 40 x 56 System Fan (Pre-installed)	3
1750006764-01	40 x 40 x 28 System Fan (Pre-installed)	1
96PS-A500WFXG	Single ATX 500W PSU (Only pre-installed in HPC-8104SA-50A1E)	1
XSUN-TD15-0128-01 XSUN-TG15-0650-01	Redundant PSU 650W (Only pre-installed in HPC-8104SA-65RA1)	1 2

Optional Accessories

Part Number	Description
1700026158-01	Type-Y of system fan cable (4-pin)
1700003194	SATA ODD data cable
96CB-SATAPOWER-6P2	SATA ODD power cable
AIMB-RF10F-01A1E	1U riser card with 1 PCIe x16 expansion
1750007593-01	4028mm high speed system fan (61dB/28CFM)
98R18104000	HPC-8104 dual 2.5" internal drives accessary kit
1700025064-01	Internal SAS cable (12G) SFF8643 to SFF8643, 60cm
1700025439-01	Internal SAS cable (6G) SFF8643 to SFF8087, 60cm
1700029584-01	Mini SAS HD 8643 to 4 ports SATA (55cm)
9680017208	22" Slide Rail Kit

Note4: uATX motherboard does not support onboard USB3.0 cable.

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